

# **Ørsted - East Coast Operational Assets**

## **Notice to Mariners**

**Period of Notice: December 2021**

**Version: Issue 3**

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## 1 Introduction

Ørsted is an offshore wind farm owner and operator with ten operational wind farms in UK waters. Of these ten, the following offshore wind farms are located off the East Coast of England:

- Gunfleet Sands
- Westermost Rough
- Race Bank
- Lincs
- Hornsea One

The purpose of this monthly Notice to Mariners (NtM) is to ensure that mariners are aware of any non-routine operations across the East Coast assets that could pose a risk to other sea users. Safety is paramount to Ørsted and this notice should assist in ensuring that both mariners and the Ørsted operational team can operate safely offshore. This NtM will provide:

- A regular, clear and consistent overview of non-routine operations
- Updates relating to lighting and marking
- Key contact details
- Access to detailed site information and figures
- Clarity on when Safety Zones and recommended safe separation distances are in force or requested



This Notice to Mariners will not provide:

- Information relating to routine maintenance carried out by Crew Transfer Vessels (CTV) or Service Operation Vessels (SOV).
- Any information relating to export cables
- Any information relating to offshore wind farms currently in development, construction or not operated by Ørsted

### **Subsea Cables**

Subsea cables are installed across each offshore wind farm and are marked on the KIS ORCA charts referenced in Section 1.2. Please note the following advice from NP 100 The Mariners Handbook “Every care should be taken to avoid anchoring, trawling, fishing, dredging, drilling, or carrying out any other activity in the vicinity of cables which might damage them.” This warning is repeated on all admiralty charts.

### **Wind Farm Positional Data**

KIS ORCA Awareness Charts (including the layout and coordinates) and Fishing Plotter Files of the offshore assets referenced in this NtM can be found via the KIS ORCA website: <https://kis-orca.org/downloads/>. Should mariners require further information or any data in a format that can be used in a plotter or other device, please contact the Company Fisheries Liaison Officer, listed in Section 2 below.

## 2 Key Contacts

For further information on any of the activities listed within this notice, please use the contact details listed below.

Site	Ørsted Mailbox/ Offshore Coordination	Fisheries Industry Representative
Race Bank	Phone: 07826 943808 Email: <a href="mailto:rowoffshorec@orsted.co.uk">rowoffshorec@orsted.co.uk</a>	Ady Woods Phone: 07468 898948 Email: <a href="mailto:firwoods@hotmail.com">firwoods@hotmail.com</a>
Westermost Rough	Phone: 07867 674941 Email: <a href="mailto:wmroffshorec@orsted.co.uk">wmroffshorec@orsted.co.uk</a>	Guy Pasco Phone: 07880 362082 Email: <a href="mailto:guy@seascopefisheries.co.uk">guy@seascopefisheries.co.uk</a>
Lincs	Phone: 07766443319 Email: <a href="mailto:lincsoffshorec@orsted.co.uk">lincsoffshorec@orsted.co.uk</a>	Ady Woods Phone: 07468 898948 Email: <a href="mailto:firwoods@hotmail.com">firwoods@hotmail.com</a>
Gunfleet Sands		Merlin Jackson Phone: 07989 520484 Email: <a href="mailto:merlinjackson@btinternet.com">merlinjackson@btinternet.com</a>
Hornsea One	Phone: 07775005465 Email: <a href="mailto:HOWoffshoreC@orsted.co.uk">HOWoffshoreC@orsted.co.uk</a>	Nick Garside Phone: 07538 827013 Email: <a href="mailto:nick.garside@live.co.uk">nick.garside@live.co.uk</a>

### Company Fisheries Liaison Officer

The Ørsted Company Fisheries Liaison Officer can be contacted using the details below:

Courtney French  
Email: [CONFR@Orsted.co.uk](mailto:CONFR@Orsted.co.uk)

## 3 Notice to Mariners Summary:

Site	Lighting and Marking Status	Survey	Jack-Up Vessel	Other Works
Race Bank	E09, A06 & D01 Fog signal	None	None	
Westermost Rough	OK	None	None	
Lincs	OK	None	None	
Gunfleet Sands	OK	None	Wind Server °*	Main Gearbox Replacement, Corrosion campaign
Hornsea One	H27 Fog Signal	None	None	

\* Formal 500m safety zone in place

° Licensable activity

\*\* 500m safety distance requested

\*\*\* 200m safety distance requested

***Status of lighting & marking is correct at time of issue; any changes will be communicated through an updated version being issued.***

## **4 Race Bank – Notice to Mariners**

### **4.1 Lighting and Marking Status**

The Fog Horns are currently inoperative at locations E09, A06 & D01. Expected to remain off until March 2022 due to waiting on parts

### **4.2 Other Operations**

N/A

## **5      Westermost Rough – Notice to Mariners**

### **5.1      Lighting and Marking Status**

The lighting and/ or navigational warning systems are currently operational. No planned outages.

### **5.2      Other Operations**

N/A

## **6 Lincs – Notice to Mariners**

### **6.1 Lighting and Marking Status**

The lighting and/ or navigational warning systems are currently operational. No planned outages.

### **6.2 Other Operations**

N/A



## 7 Gunfleet Sands – Notice to Mariners

### 7.1 Lighting and Marking Status

The lighting and/ or navigational warning systems are currently operational. No planned outages.

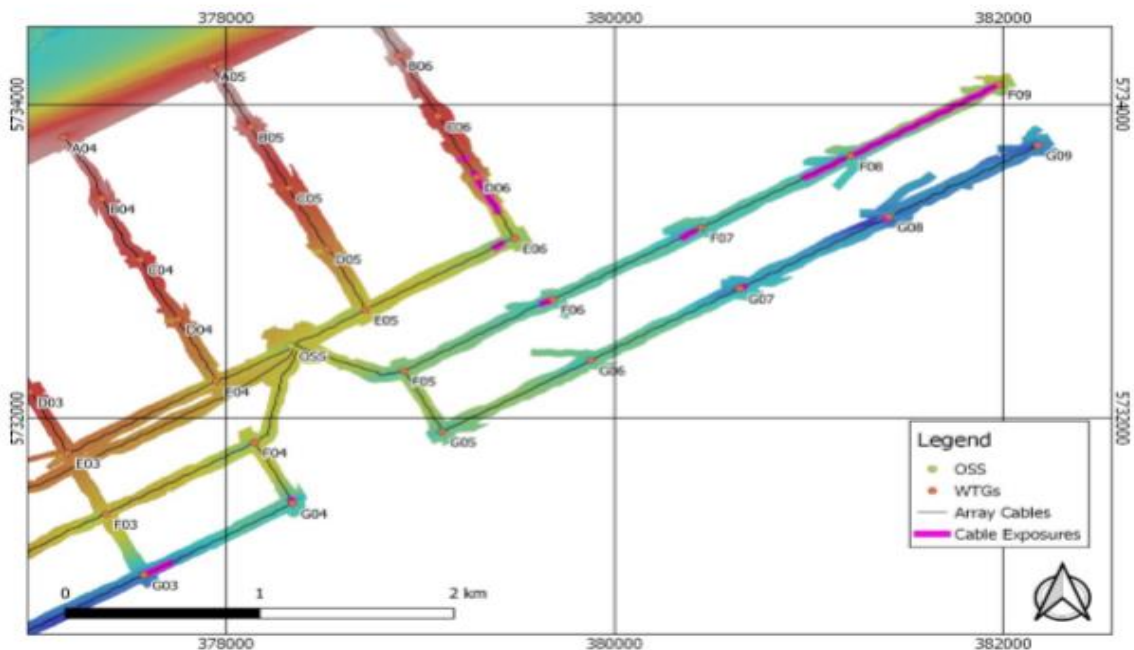
### 7.2 Other Operations

#### 7.2.1 Cable exposure

There are subsea cables currently exposed as shown on the below chart and coordinates.

Array cable	Nearest WTG	Distance from WTG to start exposure [m]	Exposure length [m]	Coordinates start exposure		Coordinates end exposure	
				X	Y	X	Y
F06-F07	F07	53.9	73.9	380400.9	5733188.0	380341.2	5733147.0
F07-F08	F08	52.4	216.1	381166.3	5733649.0	380982.7	5733538.0
F08-F09	F08	28.1	827.9	381238.4	5733685.0	381942.3	5734108.0
G03-G04	G03	19.9	129.8	377595.9	5731011.0	377708.3	5731074.0
G07-G08	G07	15.4	5.8	380657.0	5732835.0	380662.0	5732838.0
G07-G08	G08	6.5	11.0	381404.9	5733280.0	381395.3	5733275.0


Table 5-1; Array cable exposures detected in GFS0102



### 7.2.2 Main Gearbox Exchange

Jack up vessel, The Wind Server will be carrying out a Gear box exchange on Gunfleet Sands windfarm on C05 on or around the 10<sup>th</sup> of December

Mariners must observe an approved exclusion zone of 500m whenever The Wind Server is attached/ anchored next to a C05. A minimum separation distance of 500m is also requested when the vessel is observed manoeuvring into position. The duration of the work will be approximately 7 days.

<b>General Information</b>		<b>Vessel Picture</b>
<b>Name</b>	Wind Server	
<b>Flag</b>	Denmark	
<b>Year Built</b>		
<b>IMO/MMSI</b>	219615000	
<b>Call Sign</b>	OWLB2	
<b>Vessel Contact Details</b>		
<b>Bridge</b>	+45 30 53 62 33	
<b>Party Chief</b>	+45 87 44 44 50	
<b>Email</b>	master.windserver@ziton.eu	

## 8 Hornsea One – Notice to Mariners

### 8.1 Lighting and Marking Status

H27 and K25 Nav Lights have been repaired and working.  
H27 Foghorns are currently inoperative.


### 8.2 Other Operations

#### 8.2.1 ROV Inspections

ROV based general visual inspections on listed locations below, the vessel will require a 500m safety zone during all operations.

Work scope is expected to last up to 31 days.

#### Vessel Information

General Information		Vessel Picture
<b>Name</b>	HBC Achiever	
<b>Flag</b>	DK	
<b>Year Built</b>	2014	
<b>MMSI Number</b>	219305000	
<b>Call Sign</b>	OWMH2	
Vessel Contact Details		
<b>Bridge</b>	+4528564799	
<b>Party Chief</b>		
<b>Email</b>	achieverbridge@hbc-tec.dk	

Input TurbineID	WGS84 (Deg, decimal Minutes)	
	LONGITUDE	LATITUDE
<b>A23</b>	001° 49.70898464' E	53° 50.19143262' N
<b>B22</b>	001° 50.12039074' E	53° 50.84600556' N
<b>D01</b>	002° 12.52946057' E	53° 51.31752065' N
<b>E02</b>	002° 10.47276740' E	53° 51.89697835' N
<b>E05</b>	002° 06.70261475' E	53° 52.15447479' N
<b>E07</b>	002° 04.32577949' E	53° 52.05491571' N
<b>E10</b>	002° 02.05619869' E	53° 51.85701010' N
<b>F01</b>	002° 10.91085814' E	53° 52.80141986' N
<b>F03</b>	002° 08.55558697' E	53° 52.73282496' N
<b>F07</b>	002° 03.60882400' E	53° 52.71031037' N

<b>F10</b>	002° 01.28364881' E	53° 52.56126903' N
<b>F13</b>	001° 58.82576654' E	53° 52.53357759' N
<b>F16</b>	001° 56.08354437' E	53° 52.76372653' N
<b>G02</b>	002° 08.74846221' E	53° 53.48472737' N
<b>H03</b>	002° 07.13575281' E	53° 54.03171165' N
<b>H07</b>	002° 02.22640902' E	53° 53.97103510' N
<b>H10</b>	001° 59.73802721' E	53° 53.97024934' N
<b>H13</b>	001° 57.38511467' E	53° 53.84550259' N
<b>H16</b>	001° 54.57828973' E	53° 54.13197937' N
<b>H18</b>	001° 52.30631728' E	53° 53.90540938' N
<b>H20</b>	001° 49.13711817' E	53° 54.53728429' N
<b>H21</b>	001° 47.39869037' E	53° 54.26223484' N
<b>H23</b>	001° 44.70293330' E	53° 54.22710275' N
<b>H25</b>	001° 41.76203959' E	53° 54.45375271' N
<b>K05</b>	002° 03.44875603' E	53° 55.12640226' N
<b>L24</b>	001° 41.33575584' E	53° 56.05110807' N
<b>M02</b>	002° 05.46844391' E	53° 56.47367109' N
<b>M03</b>	002° 04.30032375' E	53° 56.61989405' N
<b>M05</b>	002° 02.12571897' E	53° 56.33186782' N
<b>M20</b>	001° 46.26551672' E	53° 57.04926498' N
<b>M22</b>	001° 43.10849089' E	53° 57.18755800' N
<b>N01</b>	002° 06.53632842' E	53° 56.80202866' N
<b>N02</b>	002° 04.75412393' E	53° 57.12515104' N
<b>N20</b>	001° 45.62614203' E	53° 57.62248089' N
<b>N21</b>	001° 43.57828055' E	53° 57.71571308' N
<b>P20</b>	001° 45.02725412' E	53° 58.15912816' N
<b>P21</b>	001° 42.92119217' E	53° 58.41017122' N
<b>P22</b>	001° 41.92618763' E	53° 58.26319487' N